

Title (en)  
DETECTING BEHAVIOR ANOMALIES OF CLOUD USERS

Title (de)  
ERKENNUNG VON VERHALTENSABWEICHUNGEN VON WOLKEN

Title (fr)  
DETECTION D'ANOMALIES DE COMPORTEMENT D'UTILISATEURS EN NUAGE

Publication  
**EP 3957049 A1 20220223 (EN)**

Application  
**EP 20722956 A 20200414**

Priority

- US 201962835980 P 20190418
- US 201962835983 P 20190418
- US 201962835993 P 20190418
- US 202016750852 A 20200123
- US 2020028105 W 20200414

Abstract (en)  
[origin: US2020336502A1] A method of detecting anomalous user behavior in a cloud environment includes calculating a first vector that is representative of actions taken during a plurality of previous time intervals; calculating a similarity between the first vector and a second vector that comprises counts of actions taken by the user during a current time interval; comparing the similarity to a baseline threshold to determine whether one or more anomalous actions have occurred; and generating an alert based at least in part on a determination that the one or more anomalous actions have occurred in the cloud environment.

CPC (source: EP US)  
**G06F 11/0709** (2013.01 - EP US); **G06F 11/076** (2013.01 - EP); **G06F 11/0772** (2013.01 - EP); **G06F 11/327** (2013.01 - US); **G06F 17/18** (2013.01 - US); **G06F 40/284** (2020.01 - US); **G06N 3/02** (2013.01 - US); **G06N 3/08** (2013.01 - US); **H04L 63/1425** (2013.01 - EP US); **G06N 3/08** (2013.01 - EP)

C-Set (source: US)  
**H04L 63/1441 + H04L 63/1408**

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 11930024 B2 20240312; US 2020336502 A1 20201022**; CN 113826368 A 20211221; CN 113826368 B 20240607; CN 113940034 A 20220114; EP 3957048 A1 20220223; EP 3957049 A1 20220223; JP 2022529467 A 20220622; JP 2022529655 A 20220623; US 11288111 B2 20220329; US 11757906 B2 20230912; US 2020334095 A1 20201022; US 2020336503 A1 20201022; WO 2020214585 A1 20201022; WO 2020214587 A1 20201022

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**US 202016750852 A 20200123**; CN 202080034989 A 20200414; CN 202080038794 A 20200414; EP 20722207 A 20200414; EP 20722956 A 20200414; JP 2021561804 A 20200414; JP 2021561816 A 20200414; US 2020028105 W 20200414; US 2020028108 W 20200414; US 202016750863 A 20200123; US 202016750874 A 20200123